

# Trenching, Excavating & Shoring, Certificate

**Provider:** Environmental Management Inc

**Length:** 8 Hours

**Cost:** \$295

**Cost Unit:** Cost of the entire program

## Website

<https://emi-alaska.com/safety%20training.html>

This 8 hour trenching class focuses on OSHA standards and on the safety aspects of excavation, trenching and shoring. It is an introduction to practical soil mechanics, and classification and its relationship to the stability of shored and unshored slopes and walls of excavations. Selection of personnel protective systems will be discussed. Various types of shoring are covered including wood and hydraulic. Course includes a hands-on, half-day field exercise during which students will use different testing methods including penetrometers, torvane shears, and engineering rods.

## Related Occupations

Construction and Building Inspectors  
Construction Laborers  
Electrical Power-Line Installers and Repairers  
Electricians  
Occupational Health and Safety Specialists  
Occupational Health and Safety Technicians  
Pipelayers  
Plumbers, Pipefitters, and Steamfitters  
Septic Tank Servicers and Sewer Pipe Cleaners  
Supervisors of Construction and Extraction Workers  
Telecommunications Line Installers and Repairers

---

Department of Labor and Workforce Development, Research and Analysis Section  
P.O. Box 115501  
Juneau, Alaska 99811-5501  
Phone: 907.465.4500, Fax: 907.523.9654  
June 30, 2014